

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A global information management system, comprising:

at least one base;

a position-coding pattern which codes absolute coordinates of a total set of positions, wherein one or more subsets of said position-coding pattern is provided on said base, wherein

an imaginary position surface which includes the total set of positions coded by the position-coding pattern, said imaginary position surface being imaginary in the system in as much as the position coding pattern specifies unique positions on an area greater than the area of any practically useable base ~~is never present in its entirety on any base~~, wherein at least two unique regions are arbitrarily definable on the imaginary surface within the position-coding pattern, each of which is dedicated to a predetermined information management; and

processing circuitry which carries out management of information recorded from said base and represented by the absolute coordinates of at least one position coded by said subset, in dependence upon a region affiliation of said at least one position.

2. (Currently Amended) An information management system according to claim 1, wherein said information comprises a sequence

of positions ~~on the imaginary position surface~~, said positions forming message information.

3. (Currently Amended) An information management system according to claim 1, wherein at least one command region which represents an operation is defined ~~on the imaginary position surface~~, so that detection of the absolute coordinates for a position within this command region results in initiation of said operation.

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4. (Previously Presented) An information management system according to claim 3, wherein said operation is one of the operations to store information, to send information and to convert information.

5. (Currently Amended) An information management system according to claim 1, wherein a primary region ~~on the imaginary position surface~~ is dedicated to a predetermined management of information and contains at least one command region and at least one message recording region, which is dedicated to digital recording of a sequence of positions ~~on the imaginary position surface~~, said positions forming message information.

6. (Previously Presented) An information management system according to claim 5, in which the primary region contains a plurality of identical standard regions, said at least one message recording region and said at least one command region being included in such a standard region.

7. (Currently Amended) An information management system according to claim 1, further comprising a computer system which is arranged to store information about the division of the position-coding pattern~~of the imaginary position surface~~ into said regions.

8. (Previously Presented) An information management system according to claim 7, in which the computer system is arranged to store information about an owner of at least one of said regions.

9. (Previously Presented) An information management system according to claim 1, further comprising at least one user unit which is arranged to record said absolute coordinates from said base.

10. (Previously Presented) An information management system according to claim 9, wherein the absolute coordinates recorded by means of the user unit represent graphical information which was written using the user unit on said base.

11. (Currently Amended) An information management system according to claim 1, wherein the ~~imaginary position surface~~position-coding pattern is capable of being arbitrarily subdivided, with respect to the shape and/or size of said regions.

12. (Currently Amended) An information management system, comprising:

at least one base; and

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~~a an imaginary position surface which includes~~position-coding pattern representing a total set of absolute positions, wherein one or more subsets of said imaginary position surfaceof the position-coding pattern is provided on said base,~~7, said imaginary position surface being imaginary in the system in as much as it is never present in its entirety on any base~~ wherein the total set of positions coded by the position-coding pattern specifies unique positions on an area greater than the area of any practically useable base;

wherein at least two regions are arbitrarily definable ~~on the imaginary position surface~~within the position-coding pattern, each of which is dedicated to predetermined management of digitally represented information which is associated with at least one absolute position ~~on said imaginary position surface~~, so that the management of said information is carried out dependent upon the

region affiliation of said at least one absolute position associated with said information.

13. (Currently Amended) An information management system according to claim 12, wherein at least one command region is defined ~~on the imaginary position surface~~, said command region representing an operation, so that detection of at least one absolute position within said command region results in initiation of said operation.

CV 14. (Previously Presented) An information management system according to claim 13, wherein said operation is one of the operations to store information, to send information and to convert information.

15. (Previously Presented) An information management system according to claim 12, further comprising a computer system which is arranged to store information about which absolute positions belong to a particular region.

16. (Previously Presented) An information management system according to claim 15, wherein the computer system is arranged to store information about an owner who is allocated at least one of said regions.

17. (Previously Presented) An information management system according to claim 12, further comprising a held-held device which is arranged to record at least one absolute position on said base.

18. (Previously Presented) An information management system according to claim 17, wherein said at least one absolute position which is recorded by the hand-held device is associated with graphical information which was written with the hand-held device on the base.

CN 19. (Currently Amended) An information management system according to claim 17, wherein a position-coding pattern is arranged to define said at least one absolute position, and in which the hand-held device is arranged to detect and decode the position-coding pattern to determine said at least one absolute position ~~on the imaginary position surface~~ and said region affiliation.

20. (Previously Presented) An information management system according to claim 19, wherein the position-coding pattern comprises marks which are arranged with a displacement from their nominal position.

21. (Currently Amended) An information management system according to claim 12, wherein ~~the imaginary position surface~~the position-coding pattern is capable of being arbitrarily subdivided with respect to the shape and/or size of said regions.

22.-30. (Canceled).

31. (Currently Amended) A method for management of information which is represented by absolute coordinates and which is recorded from a base provided with one or more subsets of a position-coding pattern, comprising:

CN defining at least two unique regions ~~on an imaginary position surface~~of the position-coding pattern, ~~which includes all the positions whose absolute coordinates a position coding pattern has the capacity to code and which is imaginary in as much as it is never present in its entirety on any base~~wherein the total set of positions coded by the position-coding pattern specifies unique positions on an area greater than the area of any practically useable base;

dedicating each of said regions to predetermined information management; and

managing information which is represented by the absolute coordinates of at least one position ~~on the imaginary position~~

~~surface~~ dependent upon the region affiliation of said at least one position.

32. (Currently Amended) A method according to claim 31, further comprising: giving a party the sole right to use a part of the position-coding pattern, said part coding at least one position within a predetermined region ~~on the imaginary surface~~ of the position-coding pattern.

33. (Currently Amended) A method according to claim 31, further comprising: creating said information by moving a held-held device across said base, said information being formed as a sequence of absolute positions ~~on the imaginary surface~~, said absolute positions forming message information.

34. (Currently Amended) A method according to claim 31, further comprising: initiating an operation when said at least one position is situated within a command region ~~on the imaginary surface~~ of the position-coding pattern.

35. (Currently Amended) A method according to claim 34, further comprising: creating said information by moving a hand-held device across said base, said information being formed as a sequence of absolute positions ~~on the imaginary surface~~, said

absolute positions forming message information, said operation concerning all or parts of the recorded message information.

36. (Previously Presented) A method according to claim 34, wherein said operation is one of the operations to store information, to send information and to convert information.

37. (Currently Amended) A method for management of digitally represented information which is associated with at least one absolute position ~~on an imaginary position surface~~ and which is recorded from a base provided with one or more subsets of the ~~imaginary position surface~~ a position-coding pattern, wherein the total set of the positions coded by the position-coding pattern specifies unique positions on an area greater than the area of any practically useable base, the imaginary position surface, which is imaginary in as much as it is never present in its entirety on any base, wherein the position-coding pattern is arbitrarily subdividable into at least two regions, said method comprising: determining whether said at least one absolute position, which is associated with said information, is situated within one of said regions and managing said information in a predetermined way dependent upon to which region said at least one absolute position belongs.

38. (Previously Presented) A method according to claim 37, further comprising: producing said information by moving a hand-held device across said base; determining the absolute position of the hand-held device during at least part of said movement; and associating said information with the absolute position thus determined.

39. (Previously Presented) A method according to claim 38, wherein said information comprises a graph which represents said movement.

40. (Previously Presented) A method according to claim 38, wherein said information is characters which correspond to said movement after interpretation by means of a character interpretation program.

41.-49. (Canceled).

50. (Currently Amended) A method of using a position-coding pattern for control of management of information, comprising: providing a product with at least one subset of the position-coding pattern; dividing an imaginary position surface the position-coding pattern into regions, said imaginary position surface position-coding pattern including representing a large number of positions

cv coded by the position-coding pattern, wherein the total set of positions coded by the position-coding pattern specifies unique positions on an area greater than the area of any practically useable base~~and is imaginary in as much as it is never present in its entirety on any product~~; and associating each region with a rule for how the information which contains coordinates for at least one position within this region is to be managed.

51.-52. (Canceled).
